

=> HIS

(FILE 'HOME' ENTERED AT 13:48:12 ON 02 JUL 2002)

FILE 'REGISTRY' ENTERED AT 13:48:17 ON 02 JUL 2002
L1 3 S XYLANASE/CN

FILE 'HCAPLUS' ENTERED AT 13:48:24 ON 02 JUL 2002
E ENZYME INHIBITOR/CT
E E4+ALL
E ENZYMES (L) INHIBITORS/CT
E E3+ALL

FILE 'REGISTRY' ENTERED AT 13:49:35 ON 02 JUL 2002
SET SMARTSELECT ON
L2 SEL L1 1- CHEM : 74 TERMS
SET SMARTSELECT OFF

FILE 'HCAPLUS' ENTERED AT 13:49:36 ON 02 JUL 2002
L3 5427 S L2
L4 55 S L3 (L) (ENZYMES (L) INHIBITOR?)
L5 21 S L4 (L) (PROTE? OR POLYPEPT?)

FILE 'CAOLD, CAPLUS, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2,
EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHM2, PATDD, PATDPA, PATOSDE,
PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2,
USPATFULL, USPAT2, WPIDS' ENTERED AT 13:55:50 ON 02 JUL 2002

FILE 'REGISTRY' ENTERED AT 13:57:00 ON 02 JUL 2002
SET SMARTSELECT ON
L6 SEL L1 1- CHEM : 74 TERMS
SET SMARTSELECT OFF

FILE 'CAOLD, CAPLUS, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2,
EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHM2, PATDD, PATDPA, PATOSDE,
PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2,
USPATFULL, USPAT2, WPIDS' ENTERED AT 13:57:01 ON 02 JUL 2002

L7 12044 S L6
L8 759 S L7 (L) (ENZYME (L) INHIBITOR?)
L9 675 S L8 (L) (PROTE? OR POLYPEPTID?)
L10 658 DUP REM L9 (17 DUPLICATES REMOVED)
L11 50 S L10 AND (XYLANASE (W) INHIBIT?)
L12 0 S L11 AND PY<1998

=> d' ti 111 1-50

L11 ANSWER 1 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI Novel bifunctional inhibitor of xylanase and aspartic protease: implications for inhibition of fungal growth

L11 ANSWER 2 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI Endogenous inhibitors of the endoproteinases and other enzymes of barley

L11 ANSWER 3 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI Epoxyalkyl glycosides of D-xylose and xylo-oligosaccharides are active-site markers of xylanases from glycoside hydrolase family 11, not from family 10

L11 ANSWER 4 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI A novel class of **xylanase inhibitor** proteins

L11 ANSWER 5 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI *Triticum aestivum Xylanase Inhibitor (TAXI)*, a New Class of Enzyme Inhibitor Affecting Breadmaking Performance

L11 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2002 ACS
TI A novel class of protein from wheat which inhibits xylanases

L11 ANSWER 7 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 8 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 9 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 10 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 11 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 12 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 13 OF 50 DGENE (C) 2002 THOMSON DERWENT
TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 14 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI, - Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 15 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 16 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 17 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 18 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 19 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 20 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 21 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 22 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 23 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 24 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 25 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading

or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 26 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI New **xylanase inhibiting** protein useful as stabilizers for xylan degrading enzymes applied in food, feed and nonfood as paper and pulp technology -

L11 ANSWER 27 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Inhibitors of cellulolytic, xylanolytic or beta-glucanolytic enzymes - useful in the brewing, baking and paper and pulp industries

L11 ANSWER 28 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Inhibitors of cellulolytic, xylanolytic or beta-glucanolytic enzymes - useful in the brewing, baking and paper and pulp industries

L11 ANSWER 29 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 30 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 31 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 32 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 33 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 34 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 35 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 36 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 37 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or

beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 38 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 39 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilised enzymes -

L11 ANSWER 40 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 41 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 42 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 43 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 44 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 45 OF 50 DGENE (C) 2002 THOMSON DERWENT

TI Novel variant xylanase polypeptide or its fragment useful for degrading or modifying plant cell wall, comprises amino acid modifications such that the polypeptide has altered sensitivity to **xylanase inhibitor** -

L11 ANSWER 46 OF 50 PATOSWO COPYRIGHT 2002 WILA
WOA1 PCT-PUBLICATION

TI **ENZYME.**

L11 ANSWER 47 OF 50 WPIDS (C) 2002 THOMSON DERWENT

TI Separating and/or isolating inhibitors of cellulolytic, xylanolytic, or beta-glucanolytic enzymes comprises using endoxylanases during screening for inhibition activity or affinity chromatography with immobilized enzymes.

L11 ANSWER 48 OF 50 WPIDS (C) 2002 THOMSON DERWENT

TI Production of refrigerated dough with reduced syruping, useful in production of bakery products such as bread, comprises admixing cereal flour, water and protein that prevents enzymatic degradation of arabinoxylan in the cereal flour.

L11 ANSWER 49 OF 50 WPIDS (C) 2002 THOMSON DERWENT

TI Novel thermostable xylanase enzyme useful for modifying xylan polymer in food and/or feed supplement, has activity substantially independent of any level of wheat **xylanase inhibitor** present in the supplement.

L11 ANSWER 50 OF 50 WPIDS (C) 2002 THOMSON DERWENT

TI Mutant xylanase protein identified using **xylanase inhibitor** useful for preparing non-sticky dough for bakery products.